Stryker Operations

TRADOC System Manager-

Stryker and Bradley Fighting Vehicle

COL Don Sando

Stryker Program

Infantry Carrier

Mobile Gun System

NBC Recon

Mortar Carrier A and B

Medical Evac

Engineer Squad

Anti-Tank Guided Missile

Fire Support

Commander's

Recon

What the SBCT Brings to the Battlefield

Vanguard for the Objective Force

- Strategic Responsiveness…100% Tactical and Operational Mobility
- C-130 Deployable
- Combat Capable Upon Arrival
- Decisive Offensive Action…Dismounted Infantry Assault Enabled by Fires and Platforms…Internetted Combined Arms Company Team Optimized for Close, Complex, or Urban Terrain…
- Austere Infrastructure
- Holistic Survivability and Force Protection
- Superior Situational Awareness
- Platform Commonality and Efficiencies, Reduced Footprint
- Dynamic Resupply…Anticipatory Logistics
- Hybrid Teaming; Level of Autonomy
- Proactive, Responsive Counter-battery
- Full Spectrum Capable
- Reachback

Commonality

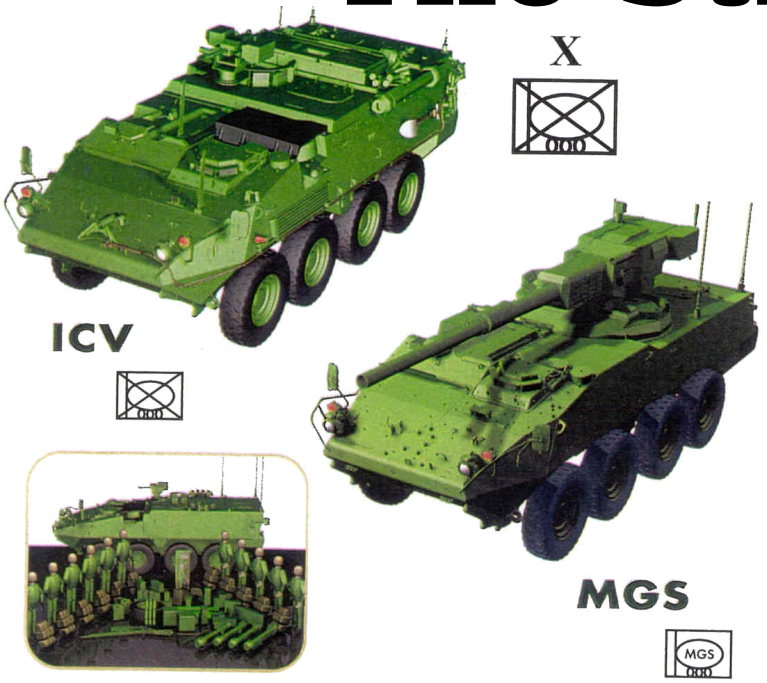
Degree of Commonality produces:

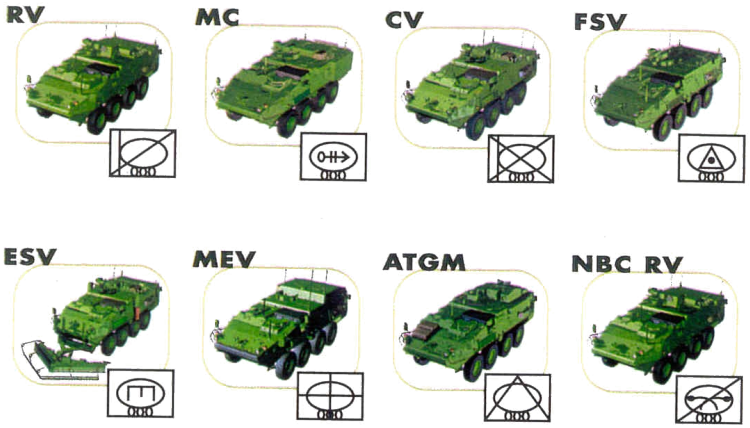
- Increased soldier flexibility on the bat
- Decreased logistical footprint
- Ease of sustainability and maintainab
- Decreased deployability requirements for classes of supply
- Simpler institutional training
- Reduced MOS proliferation (enhanced tooth-to-tail ratio)
- Common tactical mobility and agility profile
- Common battlefield signature

***4 Families of Vehicl**
Strykers
HMMWVs
HEMTTs
FMTVs

Stryker Vehicle
HMMWV: High Mobility Multipurpose Wheeled V
HEMTT: Heavy Equipment Mobile Tactical Truck
FMTV: Family of Medium Tactical Vehicles

The Stryker Family





Infantry Carrier Vehicle (ICV)

- LAV III Chassis
- 8x8 Wheeled w/CTIS & Run Flat
- High Hard Steel Structure
- Remote Weapon Station with cal .50 MG or MK19 40mm

Mobile Gun System (MGS)

- LAV III Chassis
- Low Profile Turret
- M68A1 Cannon w/Autoloader
- Full Solution Fire Control

Brigade Configuration

	Qty Ea Bde
ICV	108
ATGM	9
MORTAR	36
RECON	48
FIRE SUPPORT	13
ENGR SQ VEH	9
CDR'S VEH	39
MED EVAC	17
NBC RECON	3
MGS	27
	309
SBCTs	x6
TOTAL IAV	1854

SBCT KEY OPERATING PARAMETERS (extracted from Brigade O&O, dtd Jun 00)

1. Balance between Strategic Responsiveness and Battlespace Dominance:
   - Balance in deployability, sustainability, and in-theatre footprint vs. lethality, mobility, and survivability.
2. Balanced full spectrum utility:
   - Deliberately optimized for early entry SSCs.
   - Prepared to operate in SOSO to permit peacekeeping and a secure environment.
   - Prepared to operate in MTW with augmentation.
3. Reduced sustainment requirements.
4. Minimize personnel and logistical footprint.
5. Commonality of vehicular platforms.
6. Reach back of certain functions accomplished out of theatre or through higher echelons.
7. Embedded Unit Based Capabilities:
   - MI, Signal, Engineer, Anti-tank, Artillery, and CSS units tailored specifically for the SBCT.
8. Internetted Combined Arms Companies:
   - Enhanced force effectiveness at company level in complex and urban terrain.

What's the Difference

Light Infantry		SBCT
9 Man Rifle Squads	⟷	9 Man Rifle Squads
No Weapons Squad	⟷	Weapons Squad (7 Man)
4 TOW BN 18 Javelin	⟷	9 TOWS BDE 27 Javelin
CO - 2 X 60mm Mortars BN - 4 X 81mm Mortars	⟷ Enhanced Lethality & Force Protection ⟷	CO - 2 X 60mm & 120mm BN - 4 X 120mm Mortars & 4 X 81mm Mortars
Predominately Foot Mobile	⟷ Enhanced Mobility & Force Protection ⟷	Mobility Platforms
None	⟷ Enhanced Lethality & Survivability ⟷	
Limited Sniper Capability	⟷ Enhanced Lethality & Force Protection ⟷	Mobile Gun Systems Company Sniper TMs Battalion Sniper SQD
Attached FO/FISTs	⟷ Enhanced Lethality & Force Protection ⟷	
Battalion Recon PLT	⟷ Enhanced Lethality & Force Protection ⟷	Organic FISTs Battalion Recon PLT

Stryker Performance
(as of Sep ’04)

- 8 of 10 systems fielded
  - 3 million miles
  - 95% Operational Readiness Rate
- 3 Developmental Systems
  - Mortar Carrier ver. B (MC B)
  - Mobile Gun System (MGS)
  - Nuclear, Biological, Chemical Reconnaissance (NBCRV)

ARMY VISION

(Oct 99)

Strategic Responsiveness
Full Spectrum Versatility
C-130 Air Deployable
Lethal, Versatile,
Tactically Agile

Doctrine and Organization	Materiel	Training, Leader Development and Personnel	Facilities and Ranges
Train, Alert, Deploy	Off-the-Shelf	Combined arms at Co Internetted comms	Integrated TADDS BIT/BITE

CSA Guidance to combat in 4 years!

STRYKER DEVELOPMENT

SBCT 1
(In Combat)

FOX NBC RS (NBCRV)
MC A (Dismounted 120 mm)
ATGM (MGS)

Block II
ABCS
LandWarrior
Scalable armor….

Block III
Improved RWS
2d Gen FLIR
Better acceleration
Improved overhead protection

SBCT 3
(2005)

Improvements
MC B (mounted mortar)
MFCS
Software upgrades
500 amp alternator
ILOs
FOX NBC RS (NBCRV)
ATGM (MGS)

SBCT 6
(2009)

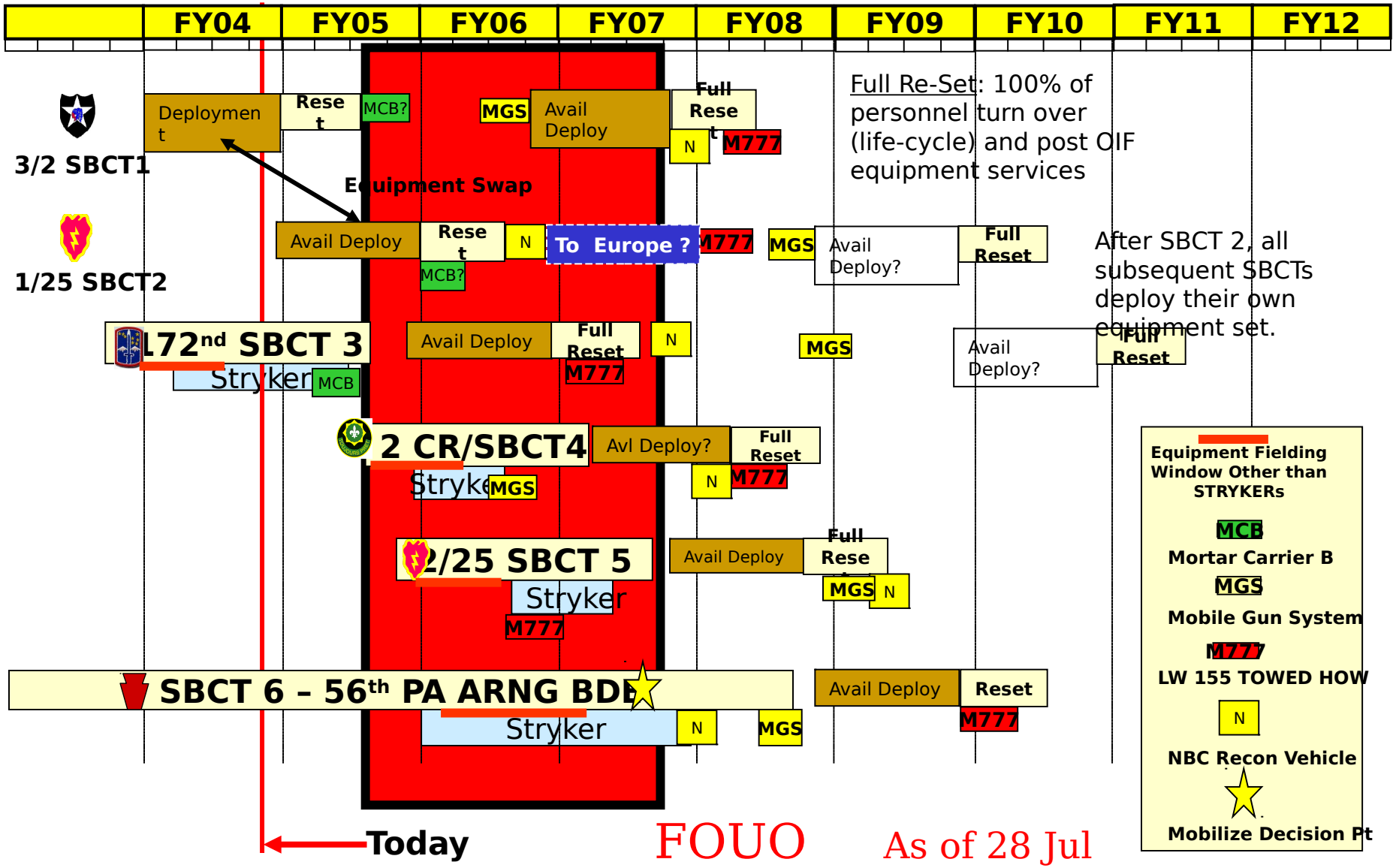
APS…
FCS

Improvements
NBCRV
MGS
FS3 on FSV
Software upgrades
Mounted sensor mast
CRS3
Weight reduction
BCOTM

Provide full capability called for in the O&O, MNS, and SBCT ORD through continued development and retrofit

SBCT Strategy

(IAW DA G3 approved planning documents)



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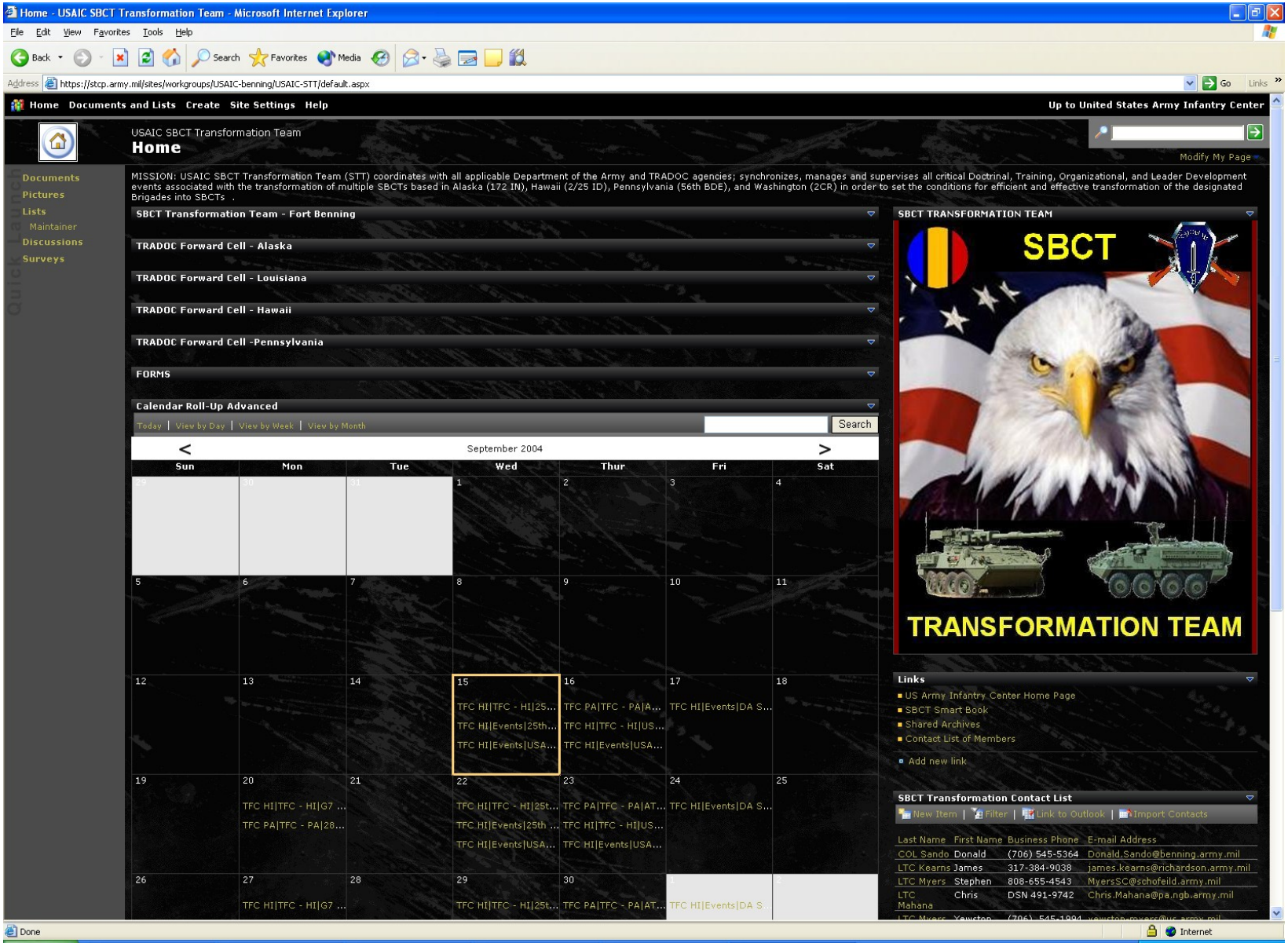
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MISSION: USAIC SBCT Transformation Team (STT) coordinates with all applicable Department of the Army and TRADOC agencies; synchronizes, manages and supervises all critical Doctrinal, Training, Organizational, and Leader Development events associated with the transformation of multiple SBCTs based in Alaska (172 IN), Hawaii (2/25 ID), Pennsylvania (56th BDE), and Washington (2CR) in order to set the conditions for efficient and effective transformation of the designated Brigades into SBCTs .
SBCT Transformation Team - Fort Benning
TRADOC Forward Cell - Alaska
TRADOC Forward Cell - Louisiana
TRADOC Forward Cell - Hawaii
TRADOC Forward Cell -Pennsylvania
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LTC Myers Stephen 808-655-4543 MyersSC@schofeild.army.mil
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Stryker Operations

TRADOC System Manager-

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COL Don Sando